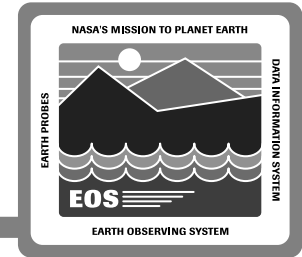


Release Planning Background Material



- **ECS Services for each Release**
- **Science Algorithm I & T Schedules**
- **DAAC Activation Schedules (by Release)**
- **DAAC Activation Schedules (by DAAC)**

ECS Services - Interim Release 1



- **SDPS Services**
 - **Ingest Service**
 - **Data Checking**
 - **Manual Processing Plan Generation**
 - **Manual Processing Initiation and Control**
 - **Processing Management Services**
- **CSMS Services**
 - **Directory, Interprocess Communications and DCE Security Services**
 - **File Transfer Service**
 - **Network Management Services**
 - Network Monitoring and Event Logging**
- **FOS Services**
 - **none**

ECS Services - Release A



- **SDPS Services**
 - **Archive Service**
 - **Back-up Data Services**
 - **Data Access and Data Search Services**
 - **Data Distribution, Tracking and Monitoring**
 - **Local Information Management (LIM) Services**
 - **EOSView Scripting, Raster Image Display, Grid Data, Overlay and Animation Services**
 - **Report Generation**
 - **Automated Processing Initiation and Control**
 - **Processing Resource Management**
 - **Processing Status Services**

ECS Services - Release A (con't)



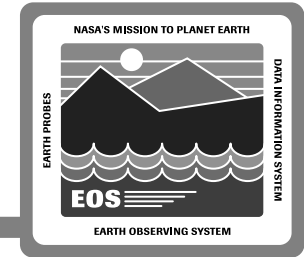
- **CSMS Services**

- **Basic Object Adapter**
- **Object Services (Naming, Time, Data Integrity ...)**
- **Bulletin Board, E-Mail and Virtual Terminal Services**
- **Network Management Services**

**Fault Resolution Management, Performance Management,
Security Management and Report Generation**

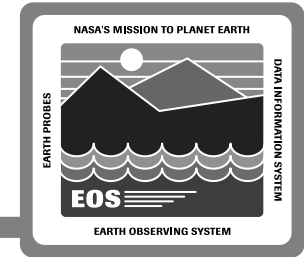
- **Configuration Management Services**

ECS Services - Release A (con't)



- **FOS Services**
 - **Planning and Scheduling Services**
 - Initial Spacecraft and Instrument Models, Activity Table Generation and Timeline Generation**
 - **Command Management Services**
 - Load Management and Ground Script Generation**
 - **Command Validation, Generation and Transmission Services**
 - **Telemetry Processing Services**
 - Packet Decommuation, Limit Checking and Units Conversion**
 - **Resource Management Services**
 - Ground Configuration Management and Initial Failure Recovery**
 - **Spacecraft and Instrument Performance and Trending Analysis**
 - **Data Management Services**
 - History Logging, Telemetry and Command Databases Generation**

ECS Services - Release B

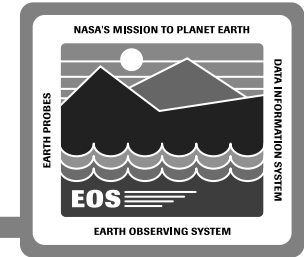


- **SDPS Services**

- **Distributed Information Management (DIM) Services**
- **File Conversion Services**
- **Data Subscription Distribution Services**
- **Archive Multiple Data Versions**
- **Stored Data Manipulation (Subset, Filter)**
- **DAR Generation Services**
- **API for Storage and Retrieval Services**
- **Automated Accounting Information Generation**
- **Production Planning Services**

DAAC Plans Integration, String Load Balancing, Complex Scheduling Strategies Implementation

ECS Services - Release B (con't)



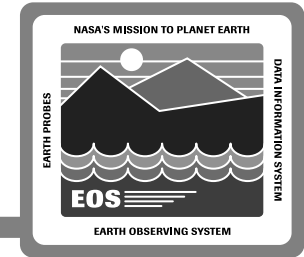
- **CSMS Services**

- **CORBA 2.0 Object Request Broker Services**
- **Object Services (Federated Naming, Security, Trading, Concurrency, Data Privacy ...)**
- **File Transfer (FTAM), Cataloging, Browsing and Clipboard Services**
- **System Management Services**

Event Log Analysis, System Performance Testing and Analysis, System Optimization, Trends Analysis, Recovery Initiation, Directory Management, Resource Scheduling Management and Report Generation

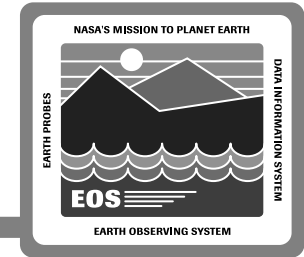
- **Accounting Management**
- **ILS Management**
- **Cross-DAAC System Configuration Management**

ECS Services - Release B (con't)



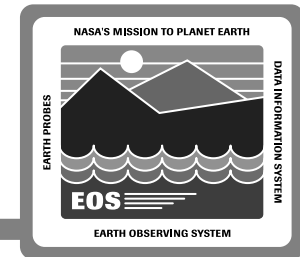
- **FOS Services**
 - **Planning and Scheduling Services**
Final Spacecraft and Instrument Models, Activity Builder, Analysis Tools and Conflict Management Tools
 - **Command Management Services**
Flight Software Load Generation, Memory Dump Compares, Final Ground Script Generation
 - **Command Services**
Real-time Commanding, Command Verification, Telemetry Verification and Load Verification
 - **Telemetry Processing Services**
SSR Telemetry Data Receipt, Memory Dump Archive, Statistics, Spacecraft Clock Drift Computations and Telemetry Replay

ECS Services - Release B (con't)

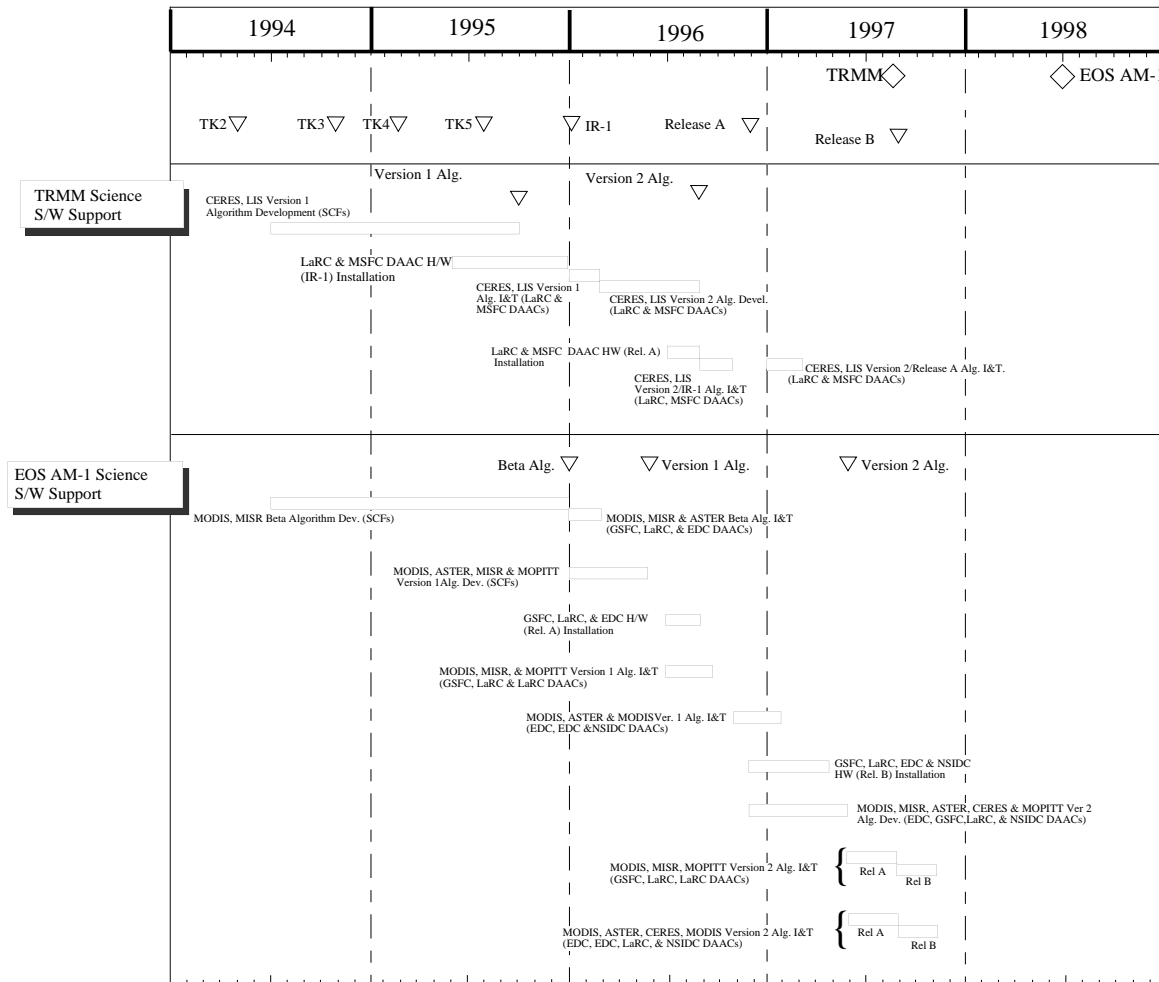


- **FOS Services (con't)**
 - **Analysis Services**
Spacecraft Subsystem Performance and Trends, Instrument Performance and Trends and History Reports
 - **Resource Management Services**
Logical Ground Configuration Strings for Telemetry Replay and Final Failure Recovery
 - **User Interface Services**
Final Operations Displays, Advanced Window Management, Procedure Execution, Display Builder and Online Documentation

Science Algorithm I & T Schedules



ECS Post SRR Release Replan - Level 2 Science Software Support Schedules



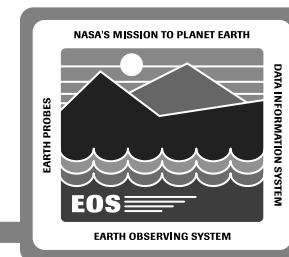
DAAC Activation Schedules (by Release)



See Next 14 Pages



DAAC Activation Schedules (by individual DAAC)



See Next 15 Pages

